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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. Sweeney

Title: SIGNAL COMPRESSION BASED ON CURVATURE PARAMETERS

Docket No.: 279.635US1

Serial No.: 10/607,820

Filed: June 27, 2003

Due Date: N/A

Examiner: Unknown

Group Art Unit: 3762

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard.
- A Communication Concerning Related Applications (2 pgs.).
- An Information Disclosure Statement (2 pgs.), Form 1449 (5 pgs.), and copies of 13 cited documents, including the International Search Report and Written Opinion for PCT Application No. PCT/2004/020723.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: 

Atty: David W. Black

Reg. No. 42,331

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21ST day of March, 2005.

Name

James Kavusik

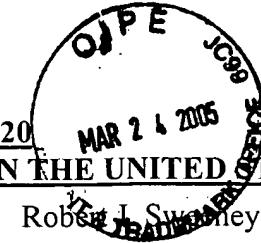
Signature

James Kavusik

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/607,820



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. Swaney

Examiner: Unknown

Serial No.: 10/607,820

Group Art Unit: 3762

Filed: June 27, 2003

Docket: 279.635US1

Title: SIGNAL COMPRESSION BASED ON CURVATURE PARAMETERS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

| <u>Serial/Patent No.</u> | <u>Filing Date</u> | <u>Attorney Docket</u> | <u>Title</u> |
|----------------------------------|--------------------|------------------------|---|
| 09/703,269 6,684,100 | October 31, 2000 | 279.188US1 | CURVATURE BASED METHOD FOR SELECTING FEATURES FROM AN ELECTROPHYSIOLOGIC SIGNALS FOR PURPOSE OF COMPLEX IDENTIFICATION AND CLASSIFICATION |
| 10/195,838 2004/0010200 A1 | July 15, 2002 | 279.438US1 | USE OF CURVATURE-BASED FEATURES FOR BEAT DETECTION |
| 10/607,818 | June 27, 2003 | 279.636US1 | TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS |

10/734,327 December 279.188US2
2004/0127806 12, 2003
A1

CURVATURE BASED METHOD FOR
SELECTING FEATURES FROM AN
ELECTROPHYSIOLOGIC SIGNALS
FOR PURPOSE OF COMPLEX
IDENTIFICATION AND
CLASSIFICATION

Respectfully submitted,

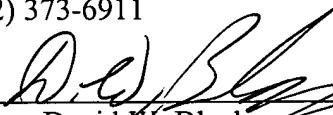
ROBERT J. SWEENEY

By Applicant's Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6911

Date March 21, 2005

By



David W. Black

Reg. No. 42,331

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JAMES KARUSIK
Name

James Karyuk
Signature

S/N 10/607,820



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. Sweeney Examiner: Unknown
Serial No.: 10/607,820 Group Art Unit: 3762
Filed: June 27, 2003 Docket: 279.635US1
Title: SIGNAL COMPRESSION BASED ON CURVATURE PARAMETERS

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submisssion. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ROBERT J. SWEENEY

By his Representatives,

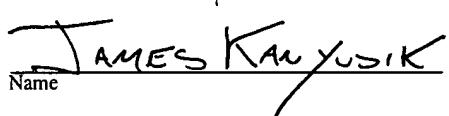
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Date March 21, 2005

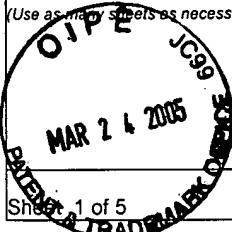
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Name


Signature

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|--|--|---|--|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known Application Number 10/607,820 Filing Date June 27, 2003 First Named Inventor Sweeney, Robert Group Art Unit 3762 Examiner Name Unknown | |
|  Sheet 1 of 5 | | Attorney Docket No: 279.635US1 | |

US PATENT DOCUMENTS

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|----------------------------|
| | US-2002/0193696 A1 | 12/19/2002 | Hsu, W., et al. | 08/14/2002 |
| | US-2004/0010200 A1 | 01/15/2004 | Sweeny, R. J., et al. | 07/15/2002 |
| | US-2004/0127806 A1 | 07/01/2004 | Sweeny, R. J. | 12/12/2003 |
| | US-4,336,810 | 06/29/1982 | Anderson, D. L., et al. | 09/30/1980 |
| | US-4,583,553 | 04/22/1986 | Shah, A. P., et al. | 11/15/1983 |
| | US-4,721,114 | 01/26/1988 | DuFault, R. A., et al. | 02/21/1986 |
| | US-4,802,491 | 02/01/1989 | Cohen, R. J., et al. | 07/30/1986 |
| | US-4,825,869 | 05/02/1989 | Sasmor, L., et al. | 09/28/1987 |
| | US-4,832,038 | 05/23/1989 | Arai, M. R., et al. | 01/20/1987 |
| | US-4,838,278 | 06/13/1989 | Wang, J., et al. | 02/26/1987 |
| | US-4,924,875 | 05/15/1990 | Chamoun, N. G. | 10/09/1987 |
| | US-4,947,857 | 08/14/1990 | Albert, D. E., et al. | 02/01/1989 |
| | US-5,014,284 | 05/07/1991 | Langer, A. A., et al. | 06/30/1989 |
| | US-5,046,504 | 09/10/1991 | Albert, D. E., et al. | 04/06/1990 |
| | US-5,184,615 | 02/09/1993 | Nappholz, T. A., et al. | 03/08/1991 |
| | US-5,193,550 | 03/16/1993 | Duffin, E. G. | 11/30/1990 |
| | US-5,201,321 | 04/13/1993 | Fulton, K. W. | 02/11/1991 |
| | US-5,217,021 | 06/08/1993 | Steinhaus, B. M., et al. | 07/30/1991 |
| | US-5,228,438 | 07/20/1993 | Buchanan, S. W. | 10/08/1991 |
| | US-5,240,009 | 08/31/1993 | Williams, M. O. | 03/25/1991 |
| | US-5,271,411 | 12/21/1993 | Ripley, K. L., et al. | 09/10/1991 |
| | US-5,273,049 | 12/28/1993 | Steinhaus, B. M., et al. | 04/09/1992 |
| | US-5,275,621 | 01/04/1994 | Mehra, R. | 04/13/1992 |
| | US-5,280,792 | 01/25/1994 | Leong, P. H., et al. | 09/18/1992 |
| | US-5,291,400 | 03/01/1994 | Gilham, J. J. | 04/09/1992 |
| | US-5,292,341 | 03/08/1994 | Snell, J. D. | 03/02/1992 |
| | US-5,292,348 | 03/08/1994 | Saumarez, R., et al. | 04/13/1992 |
| | US-5,311,874 | 05/17/1994 | Baumann, L. S., et al. | 05/18/1992 |
| | US-5,312,445 | 05/17/1994 | Nappholz, T. A., et al. | 02/03/1992 |
| | US-5,313,953 | 05/24/1994 | Yomtov, B. M., et al. | 01/14/1992 |
| | US-5,330,504 | 07/19/1994 | Somerville, W. M., et al. | 05/03/1993 |
| | US-5,331,966 | 07/26/1994 | Bennett, T. D., et al. | 12/16/1993 |
| | US-5,334,220 | 08/02/1994 | Sholder, J. A. | 11/13/1992 |
| | US-5,342,402 | 08/30/1994 | Olson, W. H., et al. | 01/29/1993 |

EXAMINER**DATE CONSIDERED**

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|--|--|--------------------------------|-----------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | <i>Complete if Known</i> | |
| | | Application Number | 10/607,820 |
| | | Filing Date | June 27, 2003 |
| | | First Named Inventor | Sweeney, Robert |
| | | Group Art Unit | 3762 |
| | | Examiner Name | Unknown |
| Sheet 2 of 5 | | Attorney Docket No: 279.635US1 | |

| | | | |
|--------------|------------|----------------------------|------------|
| US-5,350,406 | 09/27/1994 | Nitzsche, R., et al. | 12/22/1992 |
| US-5,351,696 | 10/04/1994 | Riff, K. M., et al. | 04/23/1993 |
| US-5,360,436 | 11/01/1994 | Alt, E., et al. | 04/03/1992 |
| US-5,365,934 | 11/22/1994 | Leon, T., et al. | 04/26/1993 |
| US-5,366,487 | 11/22/1994 | Adams, T. P., et al. | 11/04/1993 |
| US-5,383,910 | 01/24/1995 | den Dulk, K. | 02/19/1993 |
| US-5,387,229 | 02/07/1995 | Poore, J. W. | 01/21/1993 |
| US-5,391,189 | 02/21/1995 | van Krieken, F. M., et al. | 11/04/1993 |
| US-5,400,795 | 03/28/1995 | Murphy, A. J., et al. | 10/22/1993 |
| US-5,411,031 | 05/02/1995 | Yomtov, B. M. | 11/24/1993 |
| US-5,417,714 | 05/23/1995 | Levine, P. A., et al. | 05/11/1993 |
| US-5,431,693 | 07/11/1995 | Schroepel, E. A. | 12/10/1993 |
| US-5,447,519 | 09/05/1995 | Peterson, D. K. | 03/19/1994 |
| US-5,458,620 | 10/17/1995 | Adams, T. P., et al. | 02/14/1994 |
| US-5,464,433 | 11/07/1995 | White, H., et al. | 06/14/1994 |
| US-5,480,412 | 01/02/1996 | Mouchawar, G., et al. | 11/16/1993 |
| US-5,487,754 | 01/30/1996 | Snell, J. D., et al. | 10/25/1994 |
| US-5,503,159 | 04/02/1996 | Burton, D. L. | 03/17/1995 |
| US-5,511,554 | 04/30/1996 | Helfenbein, E. D., et al. | 07/27/1994 |
| US-5,513,644 | 05/07/1996 | McClure, K. H., et al. | 09/22/1994 |
| US-5,514,163 | 05/07/1996 | Markowitz, H. T., et al. | 02/21/1995 |
| US-5,520,191 | 05/28/1996 | Karlsson, P., et al. | 10/07/1994 |
| US-5,542,430 | 08/06/1996 | Farrugia, S., et al. | 09/16/1994 |
| US-5,545,186 | 08/13/1996 | Olson, W. H., et al. | 03/30/1995 |
| US-5,549,641 | 08/27/1996 | Ayers, G. M., et al. | 10/31/1994 |
| US-5,560,369 | 10/01/1996 | McClure, K. H., et al. | 09/22/1994 |
| US-5,603,331 | 02/18/1997 | Heemels, J. P., et al. | 02/12/1996 |
| US-5,605,159 | 02/25/1997 | Smith, J. M., et al. | 02/16/1996 |
| US-5,628,326 | 05/13/1997 | Arand, P. A., et al. | 11/29/1995 |
| US-5,645,070 | 07/08/1997 | Turcott, R. | 09/25/1995 |
| US-5,676,153 | 10/14/1997 | Smith, J. M., et al. | 10/25/1996 |
| US-5,682,900 | 11/01/1997 | Arand, P. A., et al. | 11/29/1995 |
| US-5,685,315 | 11/11/1997 | McClure, K. H., et al. | 03/29/1996 |
| US-5,697,959 | 12/16/1997 | Poore, J. W. | 01/11/1996 |
| US-5,704,365 | 01/06/1998 | Albrecht, P., et al. | 11/14/1995 |
| US-5,712,801 | 01/27/1998 | Turcott, R. | 09/25/1995 |
| US-5,713,367 | 02/03/1998 | Arnold, J. M., et al. | 01/26/1995 |
| US-5,718,242 | 02/01/1998 | McClure, K. H., et al. | 06/26/1996 |
| US-5,730,142 | 03/24/1998 | Sun, W., et al. | 03/21/1997 |
| US-5,738,105 | 04/14/1998 | Kroll, M. W. | 10/24/1995 |
| US-5,749,900 | 05/12/1998 | Schroepel, E. A., et al. | 12/11/1995 |
| US-5,755,739 | 05/26/1998 | Sun, W., et al. | 12/04/1996 |
| US-5,778,881 | 07/14/1998 | Sun, W., et al. | 12/04/1996 |

EXAMINER

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| | | First Named Inventor | Sweeney, Robert |
| | | Group Art Unit | 3762 |
| | | Examiner Name | Unknown |
| Sheet 3 of 5 | | Attorney Docket No: 279.635US1 | |

| | | | | |
|--|--------------|------------|--------------------------|------------|
| | US-5,779,645 | 07/14/1998 | Olson, T. S., et al. | 12/17/1996 |
| | US-5,782,888 | 07/21/1998 | Sun, W., et al. | 03/21/1997 |
| | US-5,788,717 | 08/04/1998 | Mann, B. M., et al. | 07/11/1995 |
| | US-5,792,065 | 08/11/1998 | Xue, Q., et al. | 03/18/1997 |
| | US-5,792,066 | 08/11/1998 | Kwong, M. | 01/09/1997 |
| | US-5,795,303 | 08/18/1998 | Swanson, D. K., et al. | 09/02/1997 |
| | US-5,797,399 | 08/25/1998 | Morris, M. M., et al. | 04/19/1996 |
| | US-5,810,739 | 09/22/1998 | Bornzin, G. A., et al. | 12/19/1996 |
| | US-5,814,077 | 09/29/1998 | Sholder, J. A., et al. | 05/12/1997 |
| | US-5,817,133 | 10/06/1998 | Houben, R. P. | 03/04/1997 |
| | US-5,819,007 | 10/06/1998 | Elghazzawi, Z. F. | 03/15/1996 |
| | US-5,819,741 | 10/13/1998 | Karlsson, P., et al. | 05/24/1996 |
| | US-5,827,195 | 10/27/1998 | Lander, P. | 05/09/1997 |
| | US-5,836,987 | 11/17/1998 | Baumann, L. S., et al. | 03/12/1997 |
| | US-5,855,593 | 01/05/1999 | Olson, W. H., et al. | 06/12/1997 |
| | US-5,857,977 | 01/12/1999 | Caswell, S. A., et al. | 08/08/1996 |
| | US-5,868,680 | 02/09/1999 | Steiner, P. R., et al. | 09/23/1997 |
| | US-5,873,897 | 02/23/1999 | Armstrong, R. K., et al. | 09/19/1997 |
| | US-5,873,898 | 02/23/1999 | Hemming, M. T., et al. | 04/29/1997 |
| | US-5,935,082 | 08/10/1999 | Albrecht, P., et al. | 05/15/1997 |
| | US-5,941,831 | 08/24/1999 | Turcott, R. | 04/03/1998 |
| | US-5,944,744 | 08/31/1999 | Paul, P. J., et al. | 02/06/1998 |
| | US-5,951,592 | 09/14/1999 | Murphy, A. | 11/21/1997 |
| | US-5,954,661 | 09/21/1999 | Greenspon, A. J., et al. | 03/31/1997 |
| | US-5,978,700 | 11/02/1999 | Nigam, I. B. | 05/06/1998 |
| | US-5,978,707 | 11/02/1999 | Krig, D. B., et al. | 10/08/1997 |
| | US-5,983,138 | 11/09/1999 | Kramer, A. P. | 04/04/1997 |
| | US-5,991,656 | 11/23/1999 | Olson, W. H., et al. | 09/22/1998 |
| | US-5,991,657 | 11/23/1999 | Kim, J. | 08/06/1998 |
| | US-6,016,442 | 01/18/2000 | Hsu, W., et al. | 03/25/1998 |
| | US-6,024,705 | 02/15/2000 | Schlagler, K. J., et al. | 11/06/1998 |
| | US-6,049,735 | 04/11/2000 | Hartley, J. W., et al. | 03/01/1999 |
| | US-6,052,617 | 04/18/2000 | Kim, J. | 07/01/1998 |
| | US-6,076,014 | 06/13/2000 | Alt, E. | 08/01/1997 |
| | US-6,081,745 | 06/27/2000 | Mehra, R. | 08/17/1998 |
| | US-6,091,990 | 07/18/2000 | Hsu, W., et al. | 11/03/1999 |
| | US-6,192,273 | 02/20/2001 | Igel, D. A., et al. | 12/02/1997 |
| | US-6,212,428 | 04/03/2001 | Hsu, W., et al. | 05/22/2000 |
| | US-6,223,078 | 04/24/2001 | Marcovecchio, A. F. | 03/12/1999 |
| | US-6,233,487 | 05/15/2001 | Mika, Y., et al. | 06/23/1999 |
| | US-6,253,102 | 06/26/2001 | Hsu, W., et al. | 05/11/2000 |
| | US-6,263,242 | 07/17/2001 | Mika, Y., et al. | 03/25/1999 |
| | US-6,266,554 | 07/24/2001 | Hsu, W., et al. | 02/12/1999 |

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| | | Examiner Name | Unknown |
| Sheet 4 of 5 | | Attorney Docket No: 279.635US1 | |

| | | | |
|--------------|------------|-----------------------------|------------|
| US-6,272,377 | 08/07/2001 | Sweeney, R. J., et al. | 10/01/1999 |
| US-6,275,732 | 08/14/2001 | Hsu, W., et al. | 06/17/1998 |
| US-6,301,499 | 10/09/2001 | Carlson, G. M., et al. | 10/18/1999 |
| US-6,301,503 | 10/09/2001 | Hsu, W., et al. | 09/29/1900 |
| US-6,308,095 | 10/23/2001 | Hsu, W., et al. | 02/12/1999 |
| US-6,312,388 | 11/06/2001 | Marcovecchio, A. F., et al. | 03/12/1999 |
| US-6,370,430 | 04/01/2002 | Mika, Y., et al. | 05/16/2000 |
| US-6,400,982 | 06/04/2002 | Sweeney, R. J., et al. | 05/07/2001 |
| US-6,430,435 | 08/06/2002 | Hsu, W., et al. | 11/20/2000 |
| US-6,430,438 | 08/06/2002 | Chen, V. T., et al. | 05/21/1999 |
| US-6,434,417 | 08/13/2002 | Lovett, E. G. | 03/28/2000 |
| US-6,438,410 | 08/20/2002 | Hsu, W., et al. | 05/03/2001 |
| US-6,449,503 | 09/10/2002 | Hsu, W. | 01/14/1999 |
| US-6,470,210 | 10/22/2002 | Chen, V., et al. | 04/06/2001 |
| US-6,484,055 | 11/19/2002 | Marcovecchio, A. F. | 09/20/2000 |
| US-6,516,225 | 02/04/2003 | Florio, J. J. | 09/15/2000 |
| US-6,539,257 | 03/25/2003 | KenKnight, B. H. | 09/12/2000 |
| US-6,571,121 | 05/27/2003 | Schroeppel, E. A., et al. | 10/15/2001 |
| US-6,684,100 | 01/27/2004 | Sweeney, R. J., et al. | 10/31/2000 |

| FOREIGN PATENT DOCUMENTS | | | | |
|--------------------------|-------------------------------------|------------------|---|----------------|
| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | T ² |
| | DE-4405827 (w/ English Abstract) | 06/08/1995 | von Bezold, D., et al. | |
| | EP-469817A2 | 07/29/1991 | Larnard, D. J., et al. | |
| | EP-506230A1 | 02/24/1992 | Williams, M. O. | |
| | WO-97/39681A1 | 04/19/1996 | Morris, M. M., et al. | |
| | WO-99/65570A1 | 12/23/1999 | Hsu, W., et al. | |
| | WO-00/10455A1 | 03/02/2000 | Litt, B., et al. | |
| | WO-00/47278A1 | 08/17/2000 | Hsu, W., et al. | |
| | WO-02/40094A2 | 05/23/2002 | Sweeney, R. J., et al. | |
| | WO-05002669A2 | 01/13/2005 | Sweeney, R. J., et al. | |

| OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|----------------------|--|----------------|
| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | | "International Search Report for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1),(February 8, 2005), 7 pgs. | |
| | | "Written Opinion for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), 12 pgs. | |

EXAMINER

DATE CONSIDERED

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | <i>Complete if Known</i> Application Number 10/607,820 Filing Date June 27, 2003 First Named Inventor Sweeney, Robert Group Art Unit 3762 Examiner Name Unknown | |
| Sheet 5 of 5 | | Attorney Docket No: 279.635US1 | |

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|----------------------|---|----------------|
| | | SWEENEY, ROBERT J., "TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS", <u>Application Serial No. 10/607,818, Filed June 27, 2003 Attorney Docket No. 279.636US1, 59 pgs.</u> | |
| | | VAPNIK, V. N., "Chapter 5 Constructing Learning Algorithms", <u>The Nature of Statistical Learning Theory</u> , Springer-Verlag New York, Inc.,(1995),119-166 | |

EXAMINER

DATE CONSIDERED